

A black arrow pointing to the right, indicating the direction of the next section.

**A. CHROMOSOMAL DNA
CONTAINING PROVIRUS**

PHENOTYPES

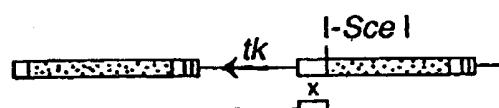


TRANSFECTION BY I-Sce I ENDONUCLEASE EXPRESSION VECTOR

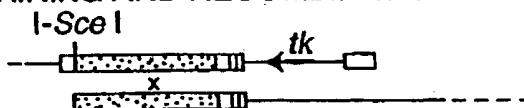
1

B. INTRA-CHROMOSOMAL RECOMBINATIONS EVENTS

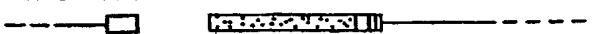
1) THE LEFT I-SCE I IS CUT. PAIRING AND RECOMBINATION



[2] THE RIGHT I-SCe I IS CUT.
PAIRING AND RECOMBINATION



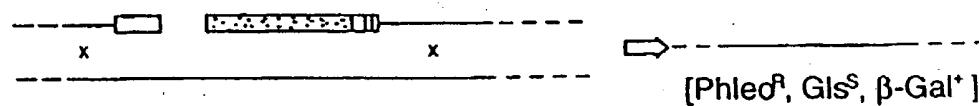
(3) BOTH I-SCe I SITES ARE CUT.
REIGATION BY END-JOINING



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CHROMOSOMAL RECOMBINATION EVENT

BOTH I-Sce I SITES ARE CUT. GAP REPAIR USING INTACT CHROMOSOME SEQUENCES



[Phled^R, Gls^S, β -Gal⁺]

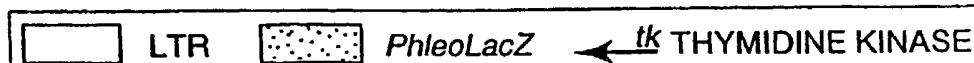


FIG. 25